



Doctoral school archives

Consult the doctoral schools archives of IHP by year.

Doctoral school archives

2023

- Courses of A. Barki, J. Melbourne, C. Roberto: "Khinchine's inequality, old and new"
- Courses of C. Gachet, J. Cobb, H. Dell, E. Etxabarri, D. Fernandez-Caballerro, A. Passantino: "GAeL – Géométrie algébrique en liberté"
- Courses of G. Quémener, R. Lopes, H. Lignier, N. Bouloufa: "Ultracold molecules: quantum physics and applications"

2022

- Courses of F. Déglise, A. Dubouloz, D. Faenzi, R. Terpereau: "Invariants in algebraic geometry school"
- Courses of C. Buccirosso, M. Garcia, J. Song: "GAeL – Géométrie algébrique en liberté"
- Courses of J. Bajpai, M. Cavicchi: "Motives and arithmetic groups"
- Courses of R. Lopes, T. Bourdel: "Cold atom predoc school in les Houches: quantum mixtures"

2021

- Courses of C. Bachas, L. Baulieu, E. Rabinovici: "Old and new frontiers in quantum field theory"
- Courses of G. Ancona, O. Benoist, J. Fresan, M. Maculan: "Algebraic curves, their moduli and tropical geometry"
- Courses of V. Salnikov, C. Laurent-Gengoux, A. Kotov, L. Ryvkin: "Quantum simulations with ultracold atomic gases"

2020

Unfortunately, no doctoral training programmes could be organised in 2020.

URL of the page: <https://www.ihp.fr/en/doctoral-school-archives>

2018

- 7th Swiss-French workshop of algebraic geometry
 - Organizers : J. Blanc, A. Dubouloz, P. Habegger, R. Terpereau, S. Zimmerman
- GAeL : Géométrie Algébrique en Liberté
 - Organizers : V. Bertini, E. Kalashnikov, J. Lai, C. Onorati, G. Orecchia, J. Van Zelm
- VIASM School
 - Organizers : N. B. Chau, P. H. Hai, B. Angles, N. D. Tuan
- Information theory and convex geometry
 - Organizers : N. Gozlan, C. Roberto, P.-M. Samson
- Hodge Theory of Character Varieties and The $P = W$ Conjecture
 - Organizers : Giuseppe Ancona, Javier Fresán, Marco Maculan
- School on cold atoms and quantum transport
 - Organizers : F. Gerbier, M. Fouché, F. Chevy, P. Verkerk

2017

- Summer School on Theoretical Biophysics. - Institut d'Études Scientifiques de Cargèse (France)
 - Organizers : T. Mora, I. Nemenman, A. Walczak
- Summer School : Current topics in the theory of algebraic groups. - Dijon (France)
 - Organizers : R. Bignalet-Cazalet, A. Dubouloz, D. Faenzi, L. Moser-Jauslin, R. Terpereau, E. Wagner
- Interactions between Berkovich spaces, tropical geometry and model theory.
 - Organizers : A. Berenstein, P. Cubides, J. Poineau
- 2nd - "Rencontres jeunes en géométrie arithmétique" (île de Tatihou en Normandie - France)
 - Organizers : G. Ancona, J. Fresan, M. Maculan
- Ph D Trainings Courses : Cold atoms and quantum transport. - Les Houches (France)
 - Organizers : H. Perrin, F. Gerbier, P. Verkerk, J. Walraven

2016

- Courses of G. Ancona, J. Fresan et M. Maculan : "Rencontres jeunes en géométrie arithmétique" - l'île de Tatihou (Normandie)

2015

- Courses of M. Fradelizi, X. Goaoc, N. Gozlan, N. Mustafa, P.-M. Samson : "Winter school : Combinatorial and algorithmic aspects of convexity" - Les Houches
- Courses of N. Gozlan, C. Roberto, P. Romon, P. M. Samson : "Spring school : Discrete Ricci Curvature" - IHP
- Courses of A. Atland, Y. Fyodorov, N. O'Connell, G. Schehr : "Ecole à l'interface de la physique statistique et des mathématiques: Stochastic Processes and Random Matrices" - Les Houches

2014

- Courses of G. Altan-Bonnet, T. Mora, A. Walczak, A. Zilman : "Quantitative immunology" - Les Houches

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2013

- Courses of Bo'az Klartag et Rafal Latała. - "Winter school : Convexity and Probability in High dimensions" - IHP
- Courses of Aleksandra Walczak et Michael Desai - "Cargèse Summer School on Quantitative Population Genetics" - Cargèse
- Courses of Florent Krzakala - "Winter school : Learning, optimization, inference and message passing algorithms" - Les Houches
- Courses of Fernando Coda-Marques - "Minimal Surfaces : Variational Theory and Applications" - IHP

2012

- Courses of Y. Bertot : "International Spring School on Formalization of Mathematics (MAP 2012)" - Sophia Antipolis >> [Website](#)
- Courses of E. Brugallé : "Spring School in Paris on Tropical Geometry and Cluster Algebras" - Institut des Mathématiques de Jussieu - UPMC
- Courses of C. Berger, B. Fresse et M. Livernet : "Opérades 2012" - IHP >> [Website](#)
- Courses of R. Abuaf : "Conference GAEL "Géométrie algébrique en liberté" - Grenoble >> [Website](#)
- Workshops of F. Nugier : "Strings Cosmology and Gravity Student Conference 2012" - IHP >> [Website](#)

2011

- Courses of B. Maurey et G. Pisier : "Winter school : Type, cotype and martingales on Banach spaces and metric spaces" - IHP
- Courses of I. Ben Yaacov : "MALOA special semester in Lyon - cours sur la théorie des modèles" - Lyon
- Courses of G. Schehr : " Winter school : Vicious walkers and random matrices" - Les Houches
- Courses of R. Schoen : "Mathematical problems in general relativity" - IHP

2010

- Courses of G. Gallavotti : "Stabilité et résonances en théorie perturbative Hamiltonienne: méthodes et variations sur la théorie KAM" - IHP
- Courses of T. Rivière : "Le rôle des lois de conservation dans l'analyse des problèmes variationnels invariants conformes" - IHP



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TIMETABLE

The institute:

- Monday to Friday from 8:30am to 6pm,
- closed on public holidays.

The museum - Maison Poincaré :

- Monday, Tuesday, Thursday and Friday from 9:30am to 5:30pm,
- Saturday from 10am to 6pm,
- closed on Wednesday and Sunday.